TOSTOT" SE9E8860

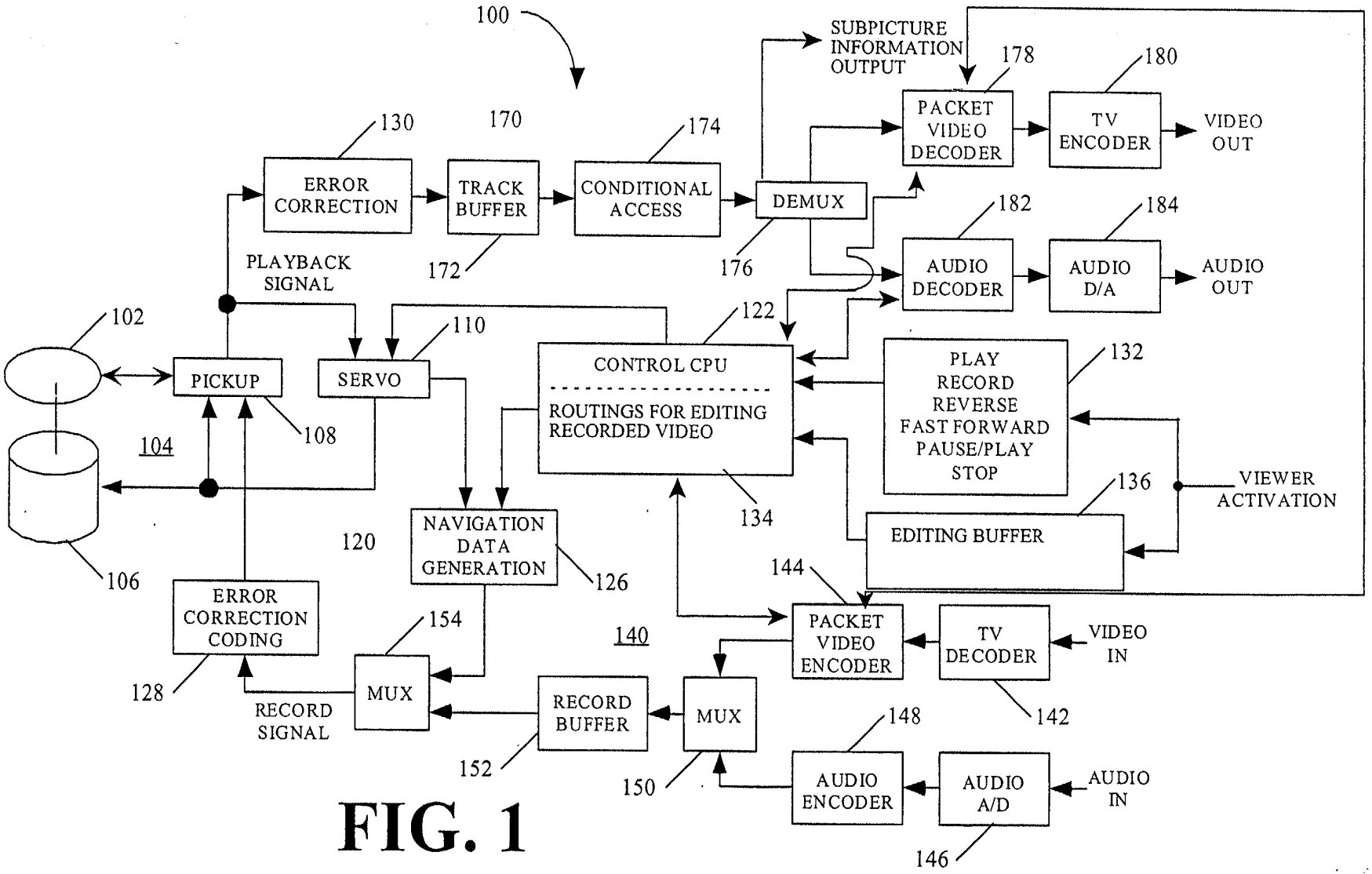

FIG. 1

Footprint Page 860

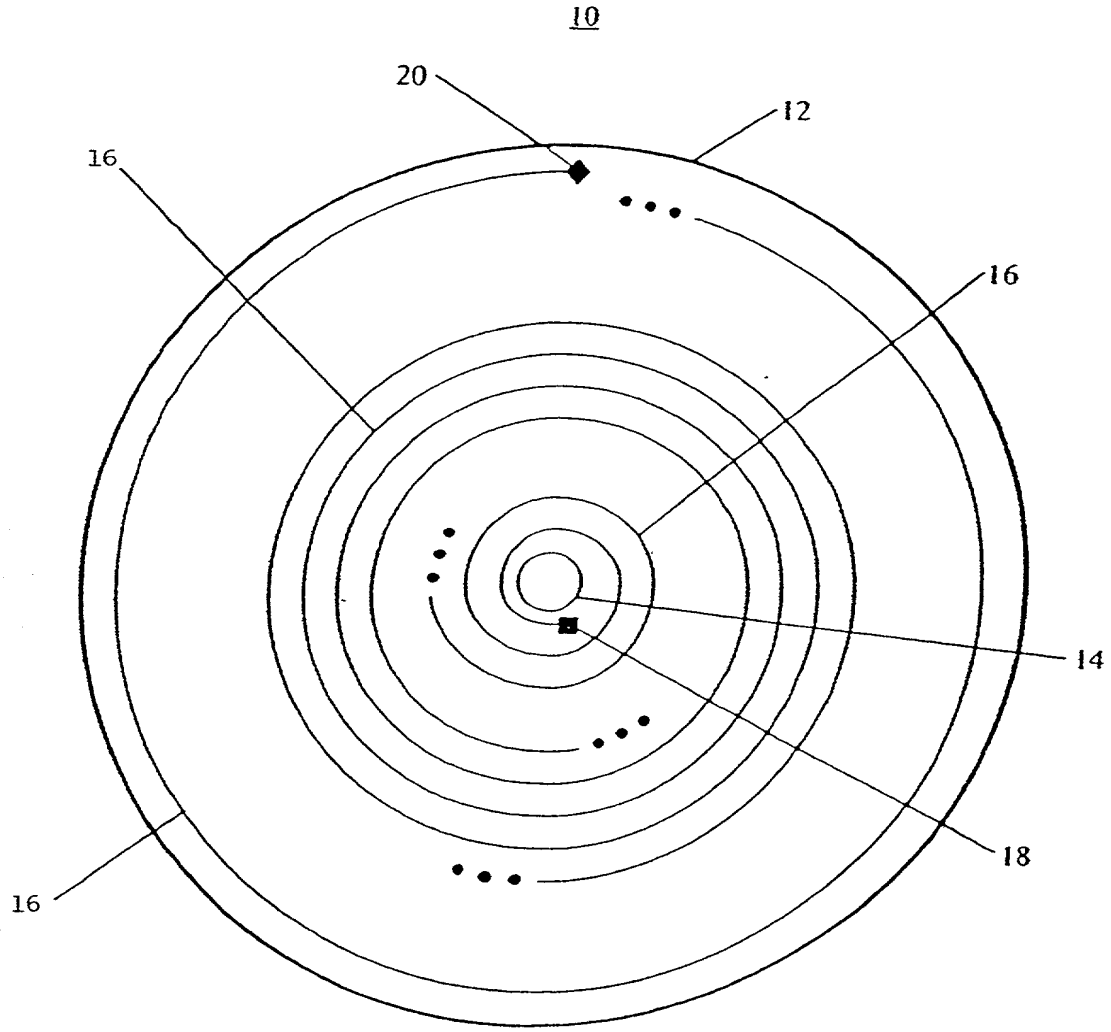

FIG. 2

TOSTOT" SE9E88860

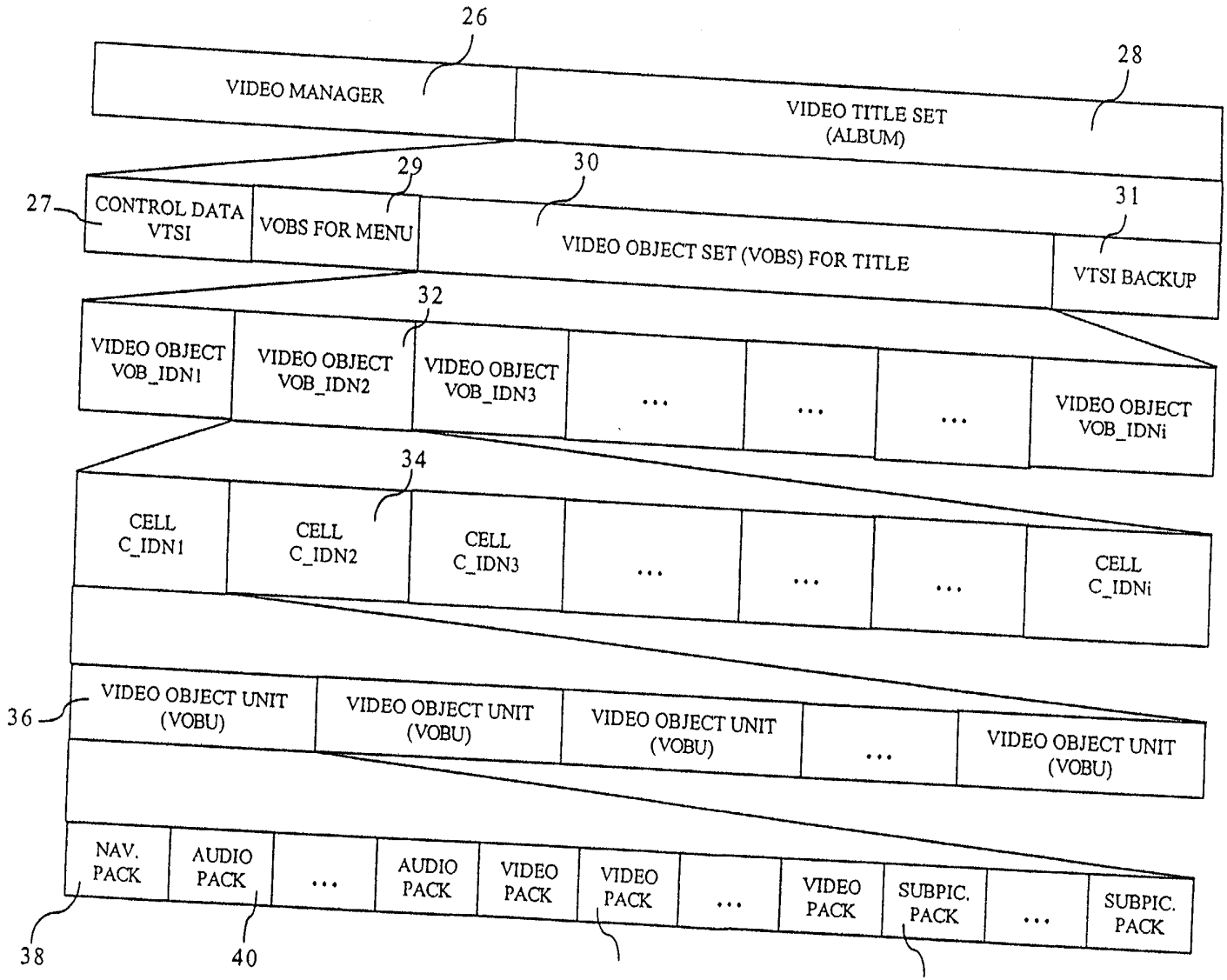

FIG. 3

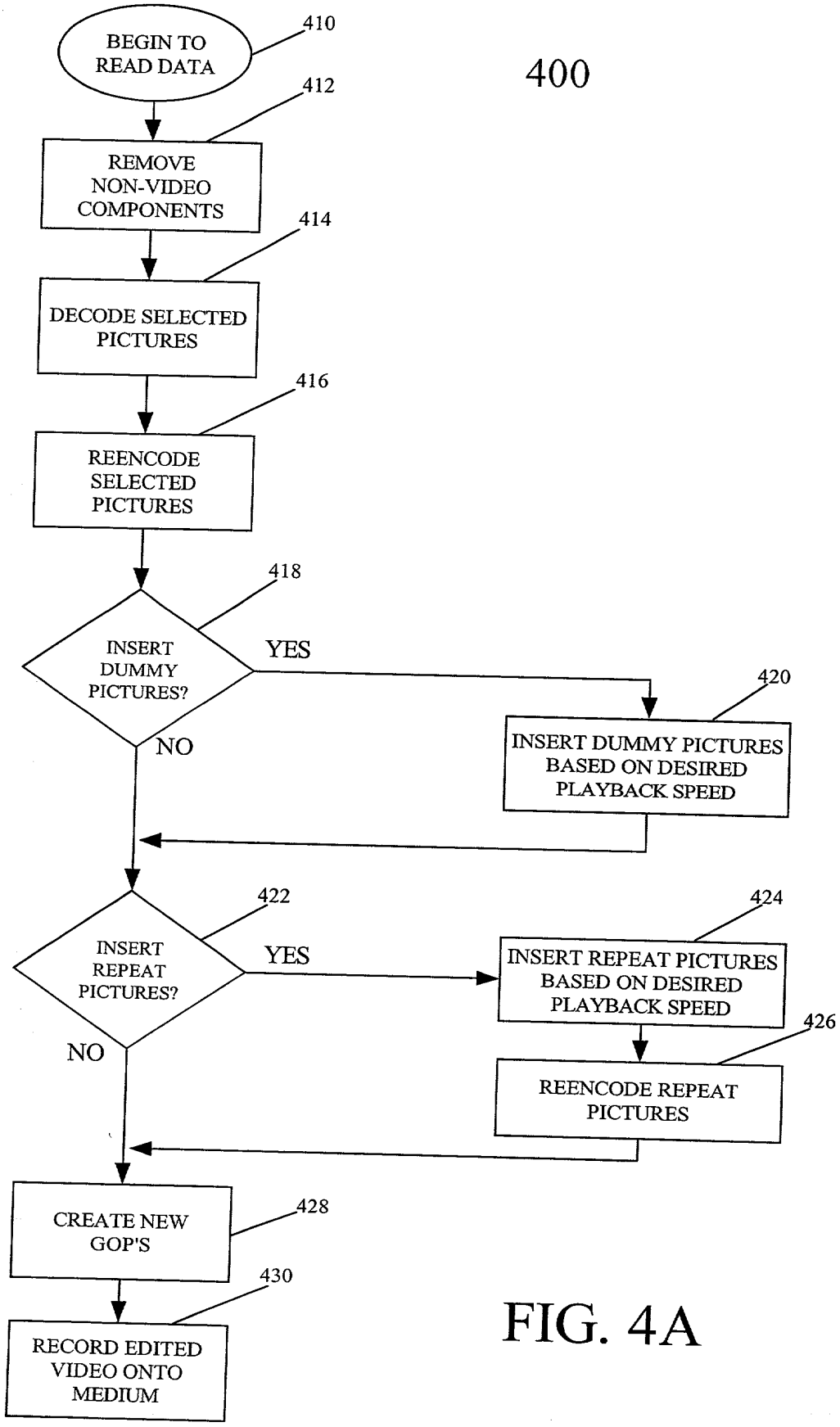
400
BEGIN TO READ DATA
410
REMOVE NON-VIDEO COMPONENTS
412
DECODE SELECTED PICTURES
414
REENCODE SELECTED PICTURES
416
INSERT DUMMY PICTURES?
418
YES
NO
INSERT DUMMY PICTURES BASED ON DESIRED PLAYBACK SPEED
420
INSERT REPEAT PICTURES?
422
YES
NO
INSERT REPEAT PICTURES BASED ON DESIRED PLAYBACK SPEED
424
REENCODE REPEAT PICTURES
426
CREATE NEW GOP'S
428
RECORD EDITED VIDEO ONTO MEDIUM
430

FIG. 4A

GOP_1: $B_0\ B_1\ I_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$

FIG. 4B

GOP_1: $B_0\ B_1\ I_2P_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$

FIG. 4C

GOP_1: $B_0\ B_1\ I_2P_2\ B_3\ B_4\ P_5\ B_6\ B_7\ I_8\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$

FIG.4D

GOP_1: $B_0\ B_d\ B_1\ B_{d1}\ I_2P_2\ P_{d2}\ B_3\ B_{d3}\ B_4\ B_{d4}\ P_5\ P_{d5}\ B_6\ B_{d6}\ B_7\ B_{d7}\ I_8\ P_8\ P_{d8}\ B_9\ B_{d9}\ B_{10}\ B_{d10}\ P_{11}\ P_{d11}\ B_{12}\ B_{d12}\ B_{13}\ B_{d13}\ P_{14}\ P_{d14}$

FIG. 4E

GOP_1: $B_0\ B_d\ B_1\ B_{d1}\ I_2P_2\ P_{d2}\ B_3\ B_{d3}\ B_4\ B_{d4}\ P_5\ P_{d5}\ B_6\ B_{d6}\ B_7$
GOP_2: $B_{d7}\ I_8\ P_8\ P_{d8}\ B_9\ B_{d9}\ B_{10}\ B_{d10}\ P_{11}\ P_{d11}\ B_{12}\ B_{d12}\ B_{13}\ B_{d13}\ P_{14}\ P_{d14}$

FIG. 4F

GOP_1: $B_0\ B_d\ I_1P_1\ B_{d1}\ B_2\ P_{d2}\ B_3\ B_{d3}\ P_4\ B_{d4}\ B_5\ P_{d5}\ B_6\ B_{d6}\ P_7$
GOP_2: $B_{d7}\ B_8\ I_{d8}P_{d8}\ B_9\ B_{d9}\ P_{10}\ B_{d10}\ B_{11}\ P_{d11}\ B_{12}\ B_{d12}\ P_{13}\ B_{d13}\ B_{14}\ P_{d14}$

FIG. 4G

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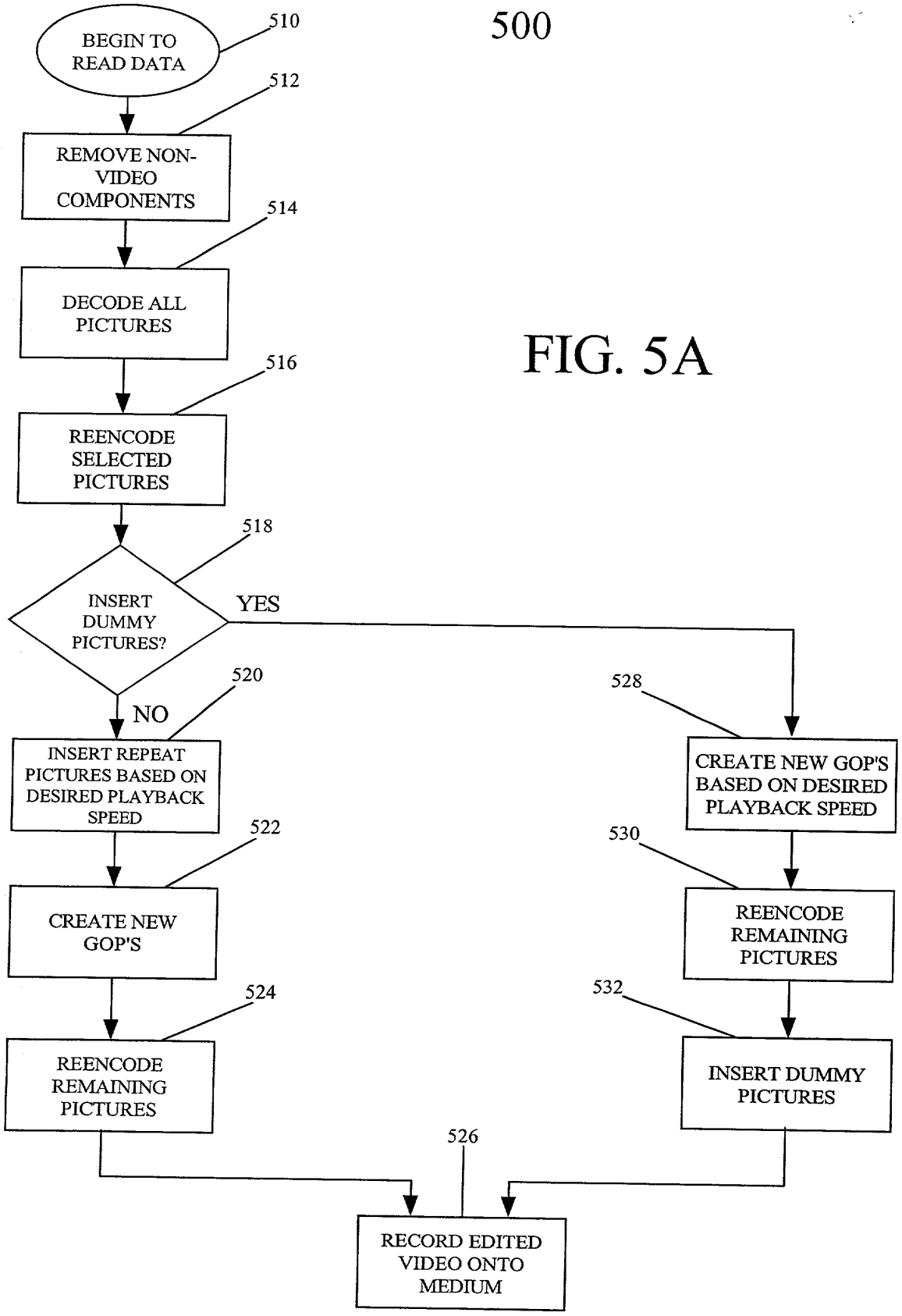
500
BEGIN TO READ DATA
510
REMOVE NON-VIDEO COMPONENTS
512
DECODE ALL PICTURES
514
REENCODE SELECTED PICTURES
516
INSERT DUMMY PICTURES?
518
YES
NO
INSERT REPEAT PICTURES BASED ON DESIRED PLAYBACK SPEED
520
CREATE NEW GOP'S
522
REENCODE REMAINING PICTURES
524
CREATE NEW GOP'S BASED ON DESIRED PLAYBACK SPEED
528
REENCODE REMAINING PICTURES
530
INSERT DUMMY PICTURES
532
RECORD EDITED VIDEO ONTO MEDIUM
526

FIG. 5A

GOP_1: $B_0\ B_1\ I_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$

FIG. 5B

GOP_1: $B_0\ B_1\ I_2P_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$

FIG. 5C

GOP_1: $B_0\ B_1\ I_2P_2\ B_3\ B_4\ P_5\ B_6\ B_7\ I_8\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$

FIG.5D

GOP_1: $B_0\ B_d\ B_1\ B_{d1}\ I_2P_2\ P_{d2}\ B_3\ B_{d3}\ B_4\ B_{d4}\ P_5\ P_{d5}\ B_6\ B_{d6}\ B_7\ B_{d7}\ I_8\ P_8\ P_{d8}\ B_9\ B_{d9}\ B_{10}\ B_{d10}\ P_{11}\ P_{d11}\ B_{12}\ B_{d12}\ B_{13}\ B_{d13}\ P_{14}\ P_{d14}$

FIG. 5E

GOP_1: $B_0\ B_d\ B_1\ B_{d1}\ I_2P_2\ P_{d2}\ B_3\ B_{d3}\ B_4\ B_{d4}\ P_5\ P_{d5}\ B_6\ B_{d6}\ B_7$
GOP_2: $B_{d7}\ I_8\ P_8\ P_{d8}\ B_9\ B_{d9}\ B_{10}\ B_{d10}\ P_{11}\ P_{d11}\ B_{12}\ B_{d12}\ B_{13}\ B_{d13}\ P_{14}\ P_{d14}$

FIG. 5F

GOP_1: $B_0\ B_d\ I_1P_1\ B_{d1}\ B_2\ P_{d2}\ B_3\ B_{d3}\ P_4\ B_{d4}\ B_5\ P_{d5}\ B_6\ B_{d6}\ P_7$
GOP_2: $B_{d7}\ B_8\ I_{d8}P_{d8}\ B_9\ B_{d9}\ P_{10}\ B_{d10}\ B_{11}\ P_{d11}\ B_{12}\ B_{d12}\ P_{13}\ B_{d13}\ B_{14}\ P_{d14}$

FIG. 5G

GOP_1: $B_0\ B_1\ I_2P_2$ ___ B_3 ___ B_4 __ $P_5\ B_6\ B_7$ __
GOP_2: ___ $I_8\ P_8\ B_9$ ___ B_{10} __ P_{11} __ B_{12} ___ $B_{13}\ P_{14}$

FIG. 5H

GOP_1: $B_0\ B_1\ I_2P_2\ B_d\ B_d\ P_d\ B_3\ B_d\ P_d\ B_4\ B_d\ P_5\ B_6\ B_7\ P_d$
GOP_2: $B_d\ B_d\ I_8\ P_8\ B_9\ B_d\ P_d\ B_{10}\ B_d\ P_{11}\ B_d\ B_{12}\ P_d\ B_d\ B_{13}\ P_{14}$

FIG. 5I

FOSTOF SE9E8860

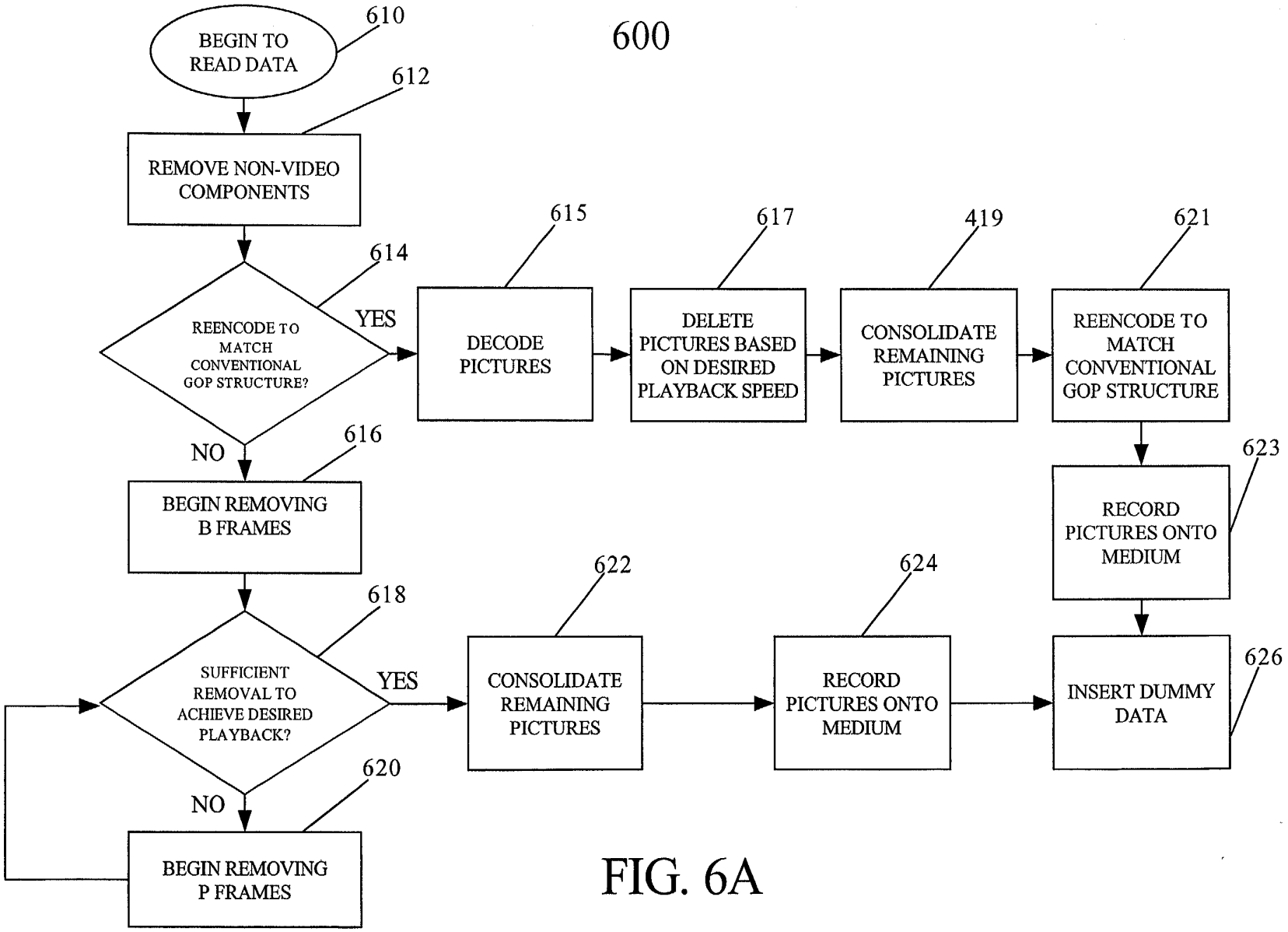

FIG. 6A

GOP_1: B_0 B_1 I_2 B_3 B_4 P_5 B_6 B_7 P_8 B_9 B_{10} P_{11} B_{12} B_{13} P_{14}
GOP_2: B_{15} B_{16} I_{17} B_{18} B_{19} P_{20} B_{21} B_{22} P_{23} B_{24} B_{25} P_{26} B_{27} B_{28} P_{29}

FIG. 6B

GOP_{1+2}: I_2 B_3 P_5 P_8 B_9 P_{11} B_{13} P_{14} B_{16} I_{17} P_{20} B_{21} P_{23} B_{24} P_{26} B_{28} P_{29}

FIG. 6C

GOP_1: B_0 B_1 I_2 B_3 B_4 P_5 B_6 B_7 P_8 B_9 B_{10} P_{11} B_{12} B_{13} P_{14}
GOP_2: B_{15} B_{16} I_{17} B_{18} B_{19} P_{20} B_{21} B_{22} P_{23} B_{24} B_{25} P_{26} B_{27} B_{28} P_{29}

FIG. 6D

GOP_{1+2}: B_0 I_2 B_4 B_6 P_8 B_{10} B_{12} P_{14} B_{16} B_{18} P_{20} B_{22} B_{24} P_{26} B_{28}

FIG. 6E

GOP_{1+2}: B_0 B_2 I_4 B_6 B_8 P_{10} B_{12} B_{14} P_{16} B_{18} B_{20} P_{22} B_{24} B_{26} P_{28}

FIG. 6F

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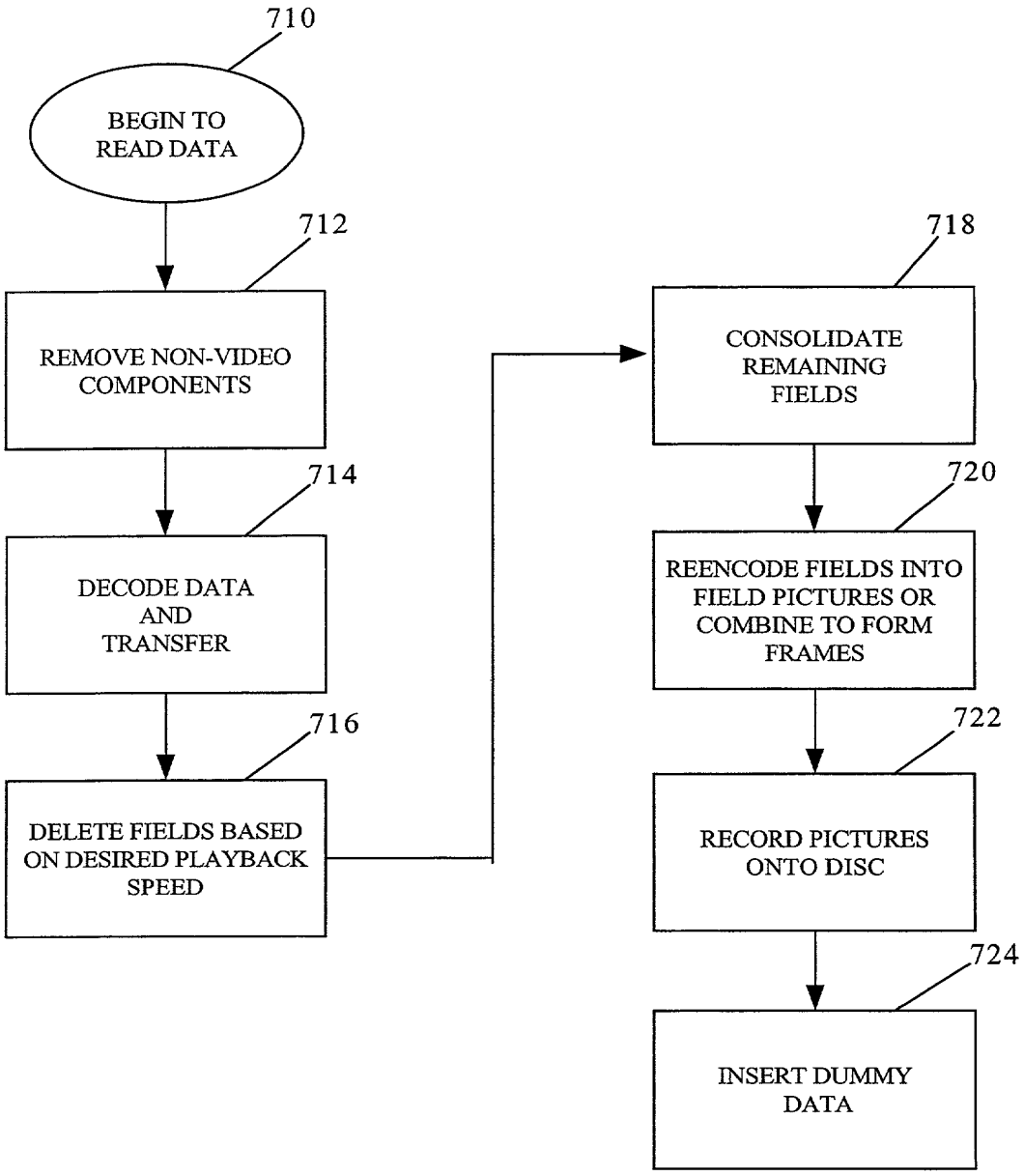

FIG. 7A

GOP_1: $B_0\ B_1\ I_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$
GOP_2: $B_{15}\ B_{16}\ I_{17}\ B_{18}\ B_{19}\ P_{20}\ B_{21}\ B_{22}\ P_{23}\ B_{24}\ B_{25}\ P_{26}\ B_{27}\ B_{28}\ P_{29}$

FIG. 7B

GOP_1: $B_0\ B_1\ I_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}$
GOP_2: $B_{15}\ B_{16}\ I_{17}\ B_{18}\ B_{19}\ P_{20}\ B_{21}\ B_{22}\ P_{23}\ B_{24}\ B_{25}\ P_{26}\ B_{27}\ B_{28}\ P_{29}$

FIG. 7C

GOP_{1+2}: $B_0\ B_1\ I_2\ B_3\ B_4\ P_5\ B_6\ B_7\ P_8\ B_9\ B_{10}\ P_{11}\ B_{12}\ B_{13}\ P_{14}\ B_{15}\ B_{16}\ I_{17}\ B_{18}\ B_{19}\ P_{20}\ B_{21}$
$B_{22}\ P_{23}\ B_{24}\ B_{25}\ P_{26}\ B_{27}\ B_{28}\ P_{29}$

FIG. 7D

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